EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	14	703/27.ccls. and @pd>"20070101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/04/27 15:59

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	67	database and (schema same transform$7) and metric and @ad<"20020101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/04/27 15:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	58	schema near match$3 and @ad<"20020101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/04/27 14:35

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	34	distance-based and schema	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/04/27 16:21

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	130	database and (schema near integrat$4)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/04/27 16:11

Google Scholar BETA

data warehouse schema evolution |1970   - |2001 | Search |

Ad
Sc
Sc

Scholar All articles Recent articles Results **1 - 10** of about **958** for **data warehouse schema evolution**. (0.

All Results

R Cattell
J Han
D Wade
D Barry
D Bartels

[BOOK] The object database standard: ODMG 2.0 - group of 3 »
RGG Cattell, D Wade, DK Barry, D Bartels, M Berler ... - 1997 - Morgan Kaufmann Publishers Inc. San Francisco, CA, USA
... ACM international workshop on **Data warehousing** and OLAP ... Critchlow, Migrating relational
data to an ... of the template-based **schema evolution** framework, Proceedings ...
Cited by 1528 - Related Articles - Web Search - Library Search

On **Schema Evolution** in Multidimensional Databases - group of 6 »
M Blaschka, C Sapia, G Hofling - Proc. DaWaK, 1999 - Springer
... To understand why **schema evolution** plays an important role especially in decision support environments (where **data warehouse** and OLAP applications are mostly ...
Cited by 34 - Related Articles - Web Search - BL Direct

Towards quality-oriented **data warehouse** usage and evolution - group of 20 »
P Vassiliadis, M Bouzeghoub, C Quix - Information Systems, 2000 - Springer
... Page 2. Towards Quality-Oriented **Data Warehouse** Usage and **Evolution** 165 ... **Data Warehouse Schema** Reconciled **Data** User **Schema** Derived **Data** ...
Cited by 38 - Related Articles - Web Search - BL Direct

Data Cleaning: Problems and Current Approaches - group of 15 »
E Rahm, HH Do - IEEE **Data** Engineering Bulletin, 2000 - lania.mx
... This requires an appropriate design of the database **schema** and integrity ... Also, the discovery of **data** cleaning rules during **warehouse** design can suggest ...
Cited by 188 - Related Articles - View as HTML - Web Search

Maintaining **data** warehouses over changing information sources - group of 3 »
EA Rundensteiner, A Koeller, X Zhang - Communications of the ACM, 2000 - portal.acm.org
... Given that sources may be integrated into the **data warehouse** using a custom-made wrapper, the **evolution** of such wrappers under **schema** changes (ideally without ...
Cited by 48 - Related Articles - Web Search - BL Direct

A survey of approaches to automatic **schema** matching - group of 30 »
E Rahm, PA Bernstein - ... VLDB Journal The International Journal on Very Large **Data** ..., 2001 - Springer
... lution and migration, application **evolution**, **data** warehous- ing ... A variation of the **schema** integration problem ... of integrating **data** sources into a **data warehouse**. ...
Cited by 749 - Related Articles - Web Search

Foundations of **Data Warehouse** Quality - group of 6 »
M Jarke, Y Vassiliou - proc. 2 ndconference on Information Quality, Massachusetts ..., 1997 - dbnet.ece.ntua.gr
... the maintenance, and the **evolution** of data ... the other components, eg the **schema** of the ... **data**, • agents for administration (**data warehouse** design, scheduler for ...
Cited by 53 - Related Articles - View as HTML - Web Search

Google Scholar BETA

schema transform   · | 1970 | - | 2001 | Search | Ad Sc Sc

Scholar All articles Recent articles Results **1 - 10** of about **15,300** for **schema transform** . (0.13 seconds)

All Results

D Lee
B Lerner
W Chu
J Gero
A Poulovassili...

General formal framework for **schema** transformation - group of 7 »
A Poulovassilis, P McBrien - Data & Knowledge Engineering, 1998 - cs.toronto.edu
... primitive transformations are syntactically complete, in the sense that without
their associated provisos they could be used to **transform** any **schema** into any ...
Cited by 60 - Related Articles - View as HTML - Web Search

[CITATION] The nonuniform Walsh-**schema transform**
CL Bridges, DE Goldberg - Foundations of Genetic Algorithms, 1991
Cited by 19 - Related Articles - Web Search

Data model for document transformation and assembly - group of 5 »
M Murata - Proceedings of the workshop on Principles of Digital ..., 1998 - Springer
... over other data models is that this data model simulta- neously provides (1) powerful
patterns and contextual conditions, and (2) **schema transformation**. ...
Cited by 36 - Related Articles - Web Search - BL Direct

A comparative analysis of methodologies for database **schema** integration
- group of 13 »
C Batini, M Lenzerini, SB Navathe - ACM Computing Surveys (CSUR), 1986 -
portal.acm.org
Page 1. A Comparative Analysis of Methodologies for Database **Schema** Integration ...
Schema integration, as defined here, occurs in two contexts: ...
Cited by 1007 - Related Articles - Web Search

[PS] On the Migration of Relational Schemas and Data to Object-Oriented
Database Systems - group of 4 »
A Behm, A Geppert, KR Dittrich - Proc. 5th International Conference on Re-Technologies
for ..., 1997 - historical.ncstrl.org
... The concepts of both, **schema transformation** and data migration are implemented
using
O2 as the OODBMS. ... 4 **Schema Transformation** and Data Migration ...
Cited by 40 - Related Articles - View as HTML - Web Search

[PS] Constraints-preserving transformation from XML document type
definition to relational **schema** - group of 7 »
D Lee, WW Chu - International Conference on Conceptual Modeling/the Entity ..., 2000 -
cobase.cs.ucla.edu
... By combining the existing **transformation** algorithms and our constraints- preserving
algorithm, one can **transform** XML DTD to relational **schema** where correct ...
Cited by 85 - Related Articles - View as HTML - Web Search - BL Direct

[BOOK] Correct **Schema** Transformations - group of 7 »
X Qian - 1995 - csl.sri.com
... Without the operator component, it is impossible to **transform** queries in the source
schema to those in the target **schema**, even if the structure component is ...
Cited by 15 - Related Articles - View as HTML - Web Search - Library Search - BL Direct

Google
Scholar BETA

schema transform generator | 1970 - 2001 | Search

Ad
Sc
Sc

Scholar All articles   Recent articles   Results **1 - 10** of about **3,180** for **schema transform generator**. (0.12 s

All Results

G Graefe
B Lerner
G Rawlins
L Haas
W McKenna

Beyond schema evolution to database reorganization
BS Lerner, AN Habermann - Proceedings of the European conference on object-oriented ...,
1990 - portal.acm.org
... OTGen supports not only more ccmmplex **schema** changes, but ... approach is to apply a
program **generator** to the ... programs and tables that can **transform** the existing ...
Cited by 113 - Related Articles - Web Search

[PS] Automating the transformation of XML documents - group of 5 »
H Su, H Kuno, EA Rundensteiner - Proceedings of the Workshop on Web Information and
Data ..., 2001 - cs.wpi.edu
... Our approach could easily be adapted to XML **Schema** [W3C, 2001]. ... DTD TreeBuilder
XSLT
Generator SourceDTD TargetDTD ... XML Target Document **Transformation** Script ...
Cited by 41 - Related Articles - View as HTML - Web Search

Wrapper Development for Legacy Data Reuse - group of 5 »
P Thiran, JL Hainaut - WCRE Proceedings, 2001 - doi.ieeecomputersociety.org
... 4. Representation of a generic **transformation** (aggregating a ... The production of target
schema S' from source ... the definition of the instance wrap- per **generator**. ...
Cited by 15 - Related Articles - Web Search

Database design by computer-aided schema transformations - group of 4 »
P Van Bommel - Software Engineering Journal, 1995 - ieeexplore.ieee.org
... The above example indicates how **schema transform**- ations can ... after completion of
the **transformation** process ... until the current moment: **generator**, for generating ...
Cited by 12 - Related Articles - Web Search - BL Direct

[PS] ALCHEMIST: a general purpose transformation generator - group of 7 »
G Linden, H Tirri, AI Verkamo - Software Practice and Experience, 1996 - cs.helsinki.fi
... A General Purpose **Transformation Generator** Greger LindØn Henry Tirri ...
ALCHEMIST: A
General Purpose **Transformation Generator** Greger LindØn Henry Tirri ... .
Cited by 6 - Related Articles - View as HTML - Web Search - Library Search - BL Direct

Method of transforming graphical object diagrams to product data manager schema - group of 3 »
HN Shen - US Patent 5,937,410, 1999 - Google Patents
... to a compiler 20 that implements the **transformation** methodology in ... the form of
product
data manager **schema** scripting files ... the logical model to a **generator** 36. ...
Cited by 7 - Related Articles - Web Search

[PS] Towards a workbench for Schema-TAGs - group of 5 »
K Harbusch, F Widmann, J Woch - Fourth International Workshop on Tree Adjoining
Grammars and ..., 1998 - uni-koblenz.de
... j 2 j : j 3 j result in j 1 j (0 j 1) : j 2 j + j 2 j : j 3 j . Addition- ally,
this example illustrates that an LD/LP{**Schema**{ 2 This **transformation** does not ...

Google Scholar BETA

| database transform generator | 1970 | - | 2001 | Search | Ad Sc Sc |

Scholar All articles Recent articles Results **1 - 10** of about **9,440** for **database transform generator**. (0.20

All Results

G Graefe

A Sheth

W McKenna

D DeWitt

J Larson

Automatic interface layout **generator** for **database** systems - group of 6 »
A Iizawa, Y Yoshiura, A Pizano - US Patent 5,495,567, 1996 - Google Patents
Page 1. United States Patent US005495567A [il] Patent Number: 5,495,567 Iizawa et
al. [54] AUTOMATIC INTERFACE LAYOUT **GENERATOR** FOR **DATABASE** SYSTEMS ...
Cited by 90 - Related Articles - Web Search

Beyond schema evolution to **database** reorganization
BS Lerner, AN Habermann - Proceedings of the European conference on object-oriented ...,
1990 - portal.acm.org
... lack the ability to redefine **database** structures and **transform** existing databases ...
system, called OTGen (Object Transformer **Generator**), that applies ...
Cited by 113 - Related Articles - Web Search

[BOOK] A transformation-based approach to optimizing loops in **database** programming languages - group of 8 »
DF Lieuwen, DJ DeWitt - 1992 - ACM Press New York, NY, USA
... EXODUS optimizer **Generator**, the only **generator** we had ... the most important
constructs
for **database**-style optimization. ... We **transform** the AST into our new represen ...
Cited by 35 - Related Articles - Web Search - Library Search

A **database generator** for human brain imaging - group of 13 »
P Roland, G Svensson, T Lindeberg, T Risch, P ... - Trends Neurosci, 2001 - sunsite.kth.se
... A **database generator** is a **database** that can generate ... noise reduction software,
software
which **transform** images into ... processed into a homogenous **database** product ...
Cited by 38 - Related Articles - View as HTML - Web Search - BL Direct

The Volcano optimizer **generator**: extensibility and efficient search - group of 13 »
G Graefe, WJ McKenna - Data Engineering, 1993. Proceedings. Ninth International ..., 1993
- ieeexplore.ieee.org
... physical storage structures used by the **database** system for ... or associativity, are
specified using **transformation** rules ... in the EXODUS optimizer **generator** and the ...
Cited by 218 - Related Articles - Web Search - BL Direct

[PS] Efficient Search in Extensible **Database** Query Optimization: The Volcano Optimizer **Generator** - group of 2 »
WJ McKenna - 1993 - cse.iitb.ac.in
... Most **database** algebras are expressed as a set of ... **Transformation** rules, like those
contained in the model ... file input to the Volcano optimizer **generator**, are a ...
Cited by 16 - Related Articles - View as HTML - Web Search - Library Search

Transforming Heterogeneous Data with **Database** Middleware: Beyond Integration - group of 9 »
LM Haas, RJ Miller, B Niswonger, MT Roth, PM ... - IEEE Data Engineering Bulletin, 1999 -
dbs.informatik.uni-halle.de

Google Scholar BETA

data warehouse schema evolution transform | 1970 | - | 2001 | Search | Ad Sc Sc

Scholar All articles Recent articles Results **1 - 10** of about **547** for **data warehouse schema evolution tran**

All Results

E Rahm
J Han
P Bernstein
J Widom
M Kamber

Data Cleaning: Problems and Current Approaches - group of 15 »
E Rahm, HH Do - IEEE **Data** Engineering Bulletin, 2000 - lania.mx
... This requires an appropriate design of the database **schema** and integrity ... Also, the discovery of **data** cleaning rules during **warehouse** design can suggest ...
Cited by 188 - Related Articles - View as HTML - Web Search

Towards quality-oriented data warehouse usage and evolution - group of 20 »
P Vassiliadis, M Bouzeghoub, C Quix - Information Systems, 2000 - Springer
... Quality-Oriented **Data Warehouse** Usage and **Evolution** 165 ... employed for its extraction,
transformation, cleansing, storage ... **Data Warehouse Schema** Reconciled **Data** ...
Cited by 38 - Related Articles - Web Search - BL Direct

Changes of Dimension Data in Temporal Data Warehouses - group of 4 »
J Eder, C Koncilia - Proc. of the DaWak 2001 Conference, 2001 - Springer
... [2,1] deal with **schema evolution** and **schema** versioning for **data warehouse** systems, transfering ... be automatically into the log- ical and internal **schema**. ....
Cited by 33 - Related Articles - Web Search - BL Direct

A survey of approaches to automatic schema matching - group of 30 »
E Rahm, PA Bernstein - ... VLDB Journal The International Journal on Very Large **Data** ..., 2001 - Springer
... **schema** evo- lution and migration, application **evolution**, **data** warehous- ing ... Tool 2 (E-business schemas) Tool 3 (**Data warehousing** schemas) **Schema** import/ export ...
Cited by 749 - Related Articles - Web Search

Foundations of Data Warehouse Quality - group of 6 »
M Jarke, Y Vassiliou - proc. 2 ndconference on Information Quality, Massachusetts ..., 1997 - dbnet.ece.ntua.gr
... 1997]. A final important aspect of **data warehousing** is its ability to evolve with the user and organization needs. ... 4.6 **Schema** and Instance **Evolution**. ...
Cited by 53 - Related Articles - View as HTML - Web Search

Extending the E/R Model for the Multidimensional Paradigm - group of 10 »
C Sapia, M Blaschka, G Höfling, B Dinter - ER Workshops, 1998 - Springer
... and implementation) of the **data warehouse** process for ... to capture the static **data** structure ... a classification of multidimensional **schema evolution** operations (eg ...
Cited by 101 - Related Articles - Web Search - BL Direct

Entity-Generating Schema Transformations for Entity-Relationship Models - group of 2 »
JL Hainaut - Proc. of the 10th Entity-Relationship Conference, San Mateo, 1991 - citeseer.ist.psu.edu
... analyses the concept of **schema transformation** and generalises ... Design as a **Schema Evolution** Process - Proper ... An Overview of **Data Warehouse** Design Approaches ...
Cited by 28 - Related Articles - Cached - Web Search

Google Scholar BETA

| database schema metric | 1970 | - 2001 | Search |

Ad
Sc
Sc

Scholar All articles Recent articles Results **1 - 10** of about **2,460** for database schema metric. (0.10 secon

All Results

J Ullman

M Chen

J Han

P Yu

A Gupta

A conceptual clustering algorithm for **database schema** design - group of 8 »

HW Beck, T Anwar, SB Navathe - IEEE Transactions on Knowledge and Data Engineering,
1994 - doi.ieeecs.org

... for **Database Schema** Design Howard W. Beck, Tarek Anwar, and Shamkant B.
Navathe ...

This algorithm is used to generate a **database schema**. ...

Cited by 14 - Related Articles - Web Search - BL Direct

Measuring Quality of **Database Schema** by Reviewing–Concept, Criteria, Tool - group of 2 »

O Herden - Proc. 5th International ECOOP Workshop on Quantitative ..., 2001 -
iro.umontreal.ca

... Our meta model for reviews of **database** schemas is depicted in figure 1. The rating
of a **schema** is done ... is defined by its name, a description and a **metric**. ...

Cited by 3 - Related Articles - View as HTML - Web Search

Visualizing impacts of **database schema** changes-A controlledexperiment - group of 2 »

A Karahasanovic, DIK Sjoberg - Human-Centric Computing Languages and Environments,
2001. ..., 2001 - ieeexplore.ieee.org

Page 1 Visualizing Impacts of **Database Schema** Changes — 358 A Controlled Experiment
Amela Karahasanovié Industrial Systems Development Group Department of ...

Cited by 9 - Related Articles - Web Search

[BOOK] Principles of **Database** Systems - group of 4 »

JD Ullman - 1983 - WH Freeman & Co. New York, NY, USA

Cited by 1117 - Related Articles - Web Search - Library Search

Visual image **database** search engine which allows for different **schema** - group of 3 »

R Jain, B Horowitz, CE Fuller, A Gupta, JR Bach, C ... - US Patent 5,911,139, 1999 - Google
Patents

... Jain et al. [54] VISUAL IMAGE **DATABASE** SEARCH ENGINE WHICH ALLOWS FOR
DIFFERENT

SCHEMA ... VISUAL IMAGE **DATABASE** SEARCH ENGINE WHICH ALLOWS FOR
DIFFERENT **SCHEMA** ...

Cited by 47 - Related Articles - Web Search

Empirical validation of referential integrity metrics - group of 2 »

C Calero, M Piattini, M Genero - Information & Software Technology, 2001 - alarcos.inf-
cr.uclm.es

... To calculate this **metric** we can consider the **schema database** as a graph where tables
are the nodes of the graph and arcs represent the referential integrity ...

Cited by 18 - Related Articles - View as HTML - Web Search

Semantic Dictionary Design for **Database** Interoperability - group of 7 »

S Castano, V De Antonellis - Proceedings of 1997 IEEE International Conference on Data ...,

Google™
Scholar BETA

| distance-based schema | | Search |

Scholar All articles Recent articles Results **1 - 10** of about **1,080** for **distance-based schema**. (0.30 seconc

All Results

C Reynolds

M Chen

J Han

P Yu

M Egenhofer

Data mining and the Web: past, present and future - group of 17 »
MN Garofalakis, R Rastogi, S Seshadri, K Shim - Proceedings of the second international
workshop on Web ..., 1999 - portal.acm.org
... [13] E. Knorr and R. Ng. Algorithms for mining **distance-based** outliers in large
datasets. In Proc. ... Extracting **schema** from semistructured data. In Proc. ...
Cited by 55 - Related Articles - Web Search

Clustering and instance based learning in first order logic - group of 8 »
J Ramon - AI Communications, 2002 - IOS Press
... An iterative **schema** is presented, that approximates prototypes of sets of ... important
requirement for instance based learn- ing and **distance based** clustering on ...
Cited by 10 - Related Articles - Web Search - BL Direct

ASSAM: A Tool for Semi-Automatically Annotating Semantic Web Services - group of 18 »
A Heß, E Johnston, N Kushmerick - Submitted to the 3rd International Semantic Web
Conference, 2004 - Springer
... A major difference between traditional **schema** matching and our Web Service
aggregation
task ... but when comparing hi and tmax, an edit-**distance based** metric such ...
Cited by 21 - Related Articles - Web Search - BL Direct

Primitive-based movement classification for humanoid imitation - group of 5 »
OC Jenkins, MJ Mataric, S Weber - Proceedings, First IEEE-RAS International Conference
on ..., 2000 - cres.usc.edu
Page 1. Primitive-Based Movement Classification for Humanoid Imitation
Odest Chadwicke Jenkins, Maja J Mataric, and Stefan Weber ...
Cited by 41 - Related Articles - View as HTML - Web Search

Affine-invariant face detection and localization using GMM-based feature detector and enhanced ... - group of 2 »
M Hamouz, J Kittler, JK Kamarainen, P Paalanen, H ... - Automatic Face and Gesture
Recognition, 2004. Proceedings. ..., 2004 - ieeexplore.ieee.org
... rithm **schema** is depicted in Figure 1. The basic algorithm was proposed in [4 ...
Accordingly
we used Mahalanobis-**distance-based** sub- cluster classifier (SCC) in our ...
Cited by 17 - Related Articles - Web Search

## Steering behaviors for autonomous characters - group of 13 »
CW Reynolds - Game Developers Conference, 1999 - red3d.com
... much of the work presented in this paper, but his **schema** (perception›action ... sphere,
and extends from the character's center for a **distance based** on the ...
Cited by 225 - Related Articles - Cached - Web Search

Designing clustering methods for ontology building-The Mo'K workbench - group of 6 »
G Bisson, C Nedellec, L Canamero - Proceedings of the ECAI Ontology Learning Workshop,

Google Scholar BETA

schema similarity   1970 . - 2001   Search

Ad
Sc
Sc
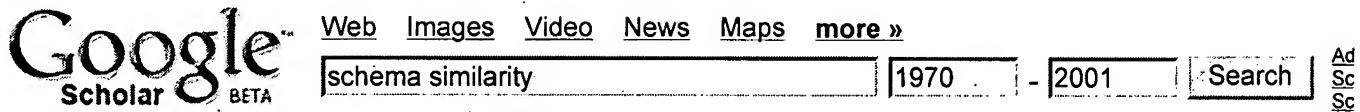
Scholar All articles Recent articles   Results **1 - 10** of about **16,900** for **schema similarity**. (**0.07** seconds)

All Results

J Rentsch
R Poli
E Rahm
P Bernstein
S Mohammed

[CITATION] ... of great teams think alike: A model of team effectiveness and **schema similarity** among team members
JR Rentsch, RJ Hall - Advances in Interdisciplinary Studies of Work Teams, 1994
Cited by 43 - Related Articles - Web Search

A survey of approaches to automatic **schema** matching - group of 30 »
E Rahm, PA Bernstein - The VLDB Journal The International Journal on Very Large ..., 2001
- Springer
... Mostexistingapproachesmapeachelementofoneschema to the element of the other **schema**
with highest **similarity**.This results in local 1:1 matches and global 1:1 or 1 ...
Cited by 749 - Related Articles - Web Search

[BOOK] ... Team Member **Schema Similarity** and Team Performance: Examination of the Team Member **Schema Similarity** ....
J Rentsch, Wright state univ dayton oh dept of ... - 1998 - stinet.dtic.mil
This report examines the relationships among team membership influences, team interaction processes, and team member **schema similarity**, and their potential ...
Cited by 5 - Related Articles - Cached - Web Search - Library Search

Why dogreat minds' think alike?: Antecedents of team member **schema** agreement - group of 2 »
JR Rentsch, RJ Klimoski - Journal of Organizational Behavior, 2001 - doi.wiley.com
... teamthink (Neck and Manz, 1992 ± unpublished manuscript), negotiated belief structures (Walsh et al., 1988), team member **schema similarity** (Rentsch and Hall ...
Cited by 50 - Related Articles - Web Search - BL Direct

Generic **Schema** Matching with Cupid - group of 23 »
J Madhavan, PA Bernstein, E Rahm - The VLDB Journal, 2001 - research.microsoft.com
... The DIKE system integrates multiple ER schemas by exploiting the principle that the **similarity** of **schema** ele- ments depends on the **similarity** of elements in ...
Cited by 505 - Related Articles - View as HTML - Web Search - BL Direct

The effects of category generalization and instance **similarity** on **schema** abstraction
R Elio, JR Anderson - Journal of Experimental Psychology: Human Learning and ..., 1981 - stinet.dtic.mil
... Accession Number : ADA091679. Title : The Effects of Category Generalizations and Instance **Similarity** on **Schema** Abstraction. Descriptive Note : Technical rept., ...
Cited by 41 - Related Articles - Cached - Web Search

Conceptual **schema** analysis: techniques and applications - group of 3 »
S Castano, V De Antonellis, MG Fugini, B Pernici - ACM Transactions on Database Systems (TODS), 1998 - portal.acm.org
... descriptors with schemas, for abstracting reference conceptual schemas based on **schema** clustering, and for determining **schema similarity** are presented. ...
Cited by 61 - Related Articles - Web Search - BL Direct

IEEE *Xplore* ®
RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ **Search Results**   BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((data warehouse<and>schema evolution)) <and> (pyr >= 1913 <and> pyr <= 2001..."   ✉ e-mail
Your search matched **10** of **1557368** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

((data warehouse<and>schema evolution)) <and> (pyr >= 1913 <and> pyr <= 2001)   **Search ›**

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

view selected items   Select All Deselect All

☐ 1. **WOL: a language for database transformations and constraints**
   Davidson, S.B.; Kosky, A.S.;
   Data Engineering, 1997. Proceedings. 13th International Conference on
   7-11 April 1997 Page(s):55 - 65
   Digital Object Identifier 10.1109/ICDE.1997.581739

   AbstractPlus | Full Text: PDF(1000 KB)   IEEE CNF
   Rights and Permissions

☐ 2. **Consistent schema version removal: an optimization technique for object-oriented views**
   Crestana-Jensen, V.M.; Lee, A.J.; Rundensteiner, E.A.;
   Knowledge and Data Engineering, IEEE Transactions on
   Volume 12, Issue 2, March-April 2000 Page(s):261 - 280
   Digital Object Identifier 10.1109/69.842266

   AbstractPlus | References | Full Text: PDF(420 KB)   IEEE JNL
   Rights and Permissions

☐ 3. **Meta-data based mediator generation**
   Critchlow, T.; Ganesh, M.; Musick, R.;
   Cooperative Information Systems, 1998. Proceedings. 3rd IFCIS International Conference on
   20-22 Aug. 1998 Page(s):168 - 176
   Digital Object Identifier 10.1109/COOPIS.1998.706195

   AbstractPlus | Full Text: PDF(1504 KB)   IEEE CNF
   Rights and Permissions

☐ 4. **Schema evolution of an object-oriented real-time database system for manufacturing autom**
   Lei Zhou; Rundensteiner, E.A.; Shin, K.G.;
   Knowledge and Data Engineering, IEEE Transactions on
   Volume 9, Issue 6, Nov.-Dec. 1997 Page(s):956 - 977
   Digital Object Identifier 10.1109/69.649319

   AbstractPlus | References | Full Text: PDF(408 KB)   IEEE JNL
   Rights and Permissions

☐ 5. **Independently updated views**
   Kulkarni, U.R.; Ramirez, R.G.;
   Knowledge and Data Engineering, IEEE Transactions on
   Volume 9, Issue 5, Sept.-Oct. 1997 Page(s):798 - 812
   Digital Object Identifier 10.1109/69.634756

IEEE Xplore©
RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ **Search Results**

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "(transform generator) <and> (pyr >= 1913 <and> pyr <= 2001)"

Your search matched **20** of **1557368** documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

✉ e-mail

» Search Options

<u>View Session History</u>

<u>New Search</u>

Modify Search

(transform generator) <and> (pyr >= 1913 <and> pyr <= 2001)   **Search ➤**

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items   Select All Deselect All

☐ 1. **Basics of cellular logic with some applications in medical image processing**
Preston, K., Jr.; Duff, M.J.B.; Levialdi, S.; Norgren, P.E.; Toriwaki, J.;
<u>Proceedings of the IEEE</u>
Volume 67, Issue 5, May 1979 Page(s):826 - 856
AbstractPlus | Full Text: <u>PDF</u>(4401 KB)   IEEE JNL
<u>Rights and Permissions</u>

☐ 2. **Discrete cosine transform generator for VLSI synthesis**
Hunter, J.; McCanny, J.V.;
<u>Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 1998 IEEE Inter</u>
<u>on</u>
Volume 5, 12-15 May 1998 Page(s):2997 - 3000 vol.5
Digital Object Identifier 10.1109/ICASSP.1998.678156
AbstractPlus | Full Text: <u>PDF</u>(376 KB)   IEEE CNF
<u>Rights and Permissions</u>

☐ 3. **Hardware implementation of a wavelet based image compression coder**
Singh, J.; Antoniou, A.; Shpak, D.J.;
<u>Advances in Digital Filtering and Signal Processing, 1998 IEEE Symposium on</u>
5-6 June 1998 Page(s):169 - 173
Digital Object Identifier 10.1109/ADFSP.1998.685718
AbstractPlus | Full Text: <u>PDF</u>(432 KB)   IEEE CNF
<u>Rights and Permissions</u>

☐ 4. **Architecture for VLSI Design of Reed-Solomon Decoders**
Kuang Yung Liu;
<u>Computers, IEEE Transactions on</u>
Volume C-33, Issue 2, Feb 1984 Page(s):178 - 189
AbstractPlus | Full Text: <u>PDF</u>(2768 KB)   IEEE JNL
<u>Rights and Permissions</u>

☐ 5. **Author Index**
<u>Power Delivery, IEEE Transactions on</u>
Volume 12, Issue 4, Oct. 1997 Page(s):1_57 - 1_87
Digital Object Identifier 10.1109/TPWRD.1997.634218
AbstractPlus | Full Text: <u>PDF</u>(3956 KB)   IEEE JNL
<u>Rights and Permissions</u>

IEEE *Xplore®*
RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((schema<near>metric<and>database)) <and> (pyr >= 1913 <and> pyr <= 20..."   ✉ e-mail
Your search matched 173 of 1557368 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

((schema<near>metric<and>database)) <and> (pyr >= 1913 <and> pyr <= 2001)   [Search ➤]

☐ Check to search only within this results set

Display Format: ⦿ Citation   ◯ Citation & Abstract

[view selected items]   Select All Deselect All   View: 1-25 | :

☐ **1. A classification of transaction processing systems**
Leff, A.; Pu, C.;
Computer
Volume 24, Issue 6, June 1991 Page(s):63 - 76
Digital Object Identifier 10.1109/2.86839

AbstractPlus | Full Text: PDF(1460 KB)   IEEE JNL
Rights and Permissions

☐ **2. From objects to classes: algorithms for optimal object-oriented design**
Lieberherr, K.J.; Bergstein, P.; Silva-Lepe, I.;
Software Engineering Journal
Volume 6, Issue 4, July 1991 Page(s):205 - 228

AbstractPlus | Full Text: PDF(1480 KB)   IET JNL

☐ **3. A case for parallelism in data warehousing and OLAP**
Datta, A.; Bongki Moon; Thomas, H.;
Database and Expert Systems Applications, 1998. Proceedings. Ninth International Workshop on
26-28 Aug. 1998 Page(s):226 - 231
Digital Object Identifier 10.1109/DEXA.1998.707407

AbstractPlus | Full Text: PDF(288 KB)   IEEE CNF
Rights and Permissions

☐ **4. Portable information filtering system: network information servers**
James, R.H.; Frieder, O.;
Computer Communications and Networks, 1998. Proceedings. 7th International Conference on
12-15 Oct. 1998 Page(s):874 - 880
Digital Object Identifier 10.1109/ICCCN.1998.998855

AbstractPlus | Full Text: PDF(746 KB)   IEEE CNF
Rights and Permissions

☐ **5. An architecture for managing application services over global networks**
Kar, G.; Keller, A.;
INFOCOM 2001. Twentieth Annual Joint Conference of the IEEE Computer and Communications ‹
Proceedings. IEEE
Volume 2, 22-26 April 2001 Page(s):1020 - 1027 vol.2
Digital Object Identifier 10.1109/INFCOM.2001.916295

AbstractPlus | Full Text: PDF(164 KB)   IEEE CNF

IEEE *Xplore*®
RELEASE 2.3

Welcome United States Patent and Trademark Office

□ Search Results   BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((schema<near>similarity<and>database)) <and> (pyr >= 1914 <and> pyr <..."   ☑ e-mail
Your search matched 288 of 1557368 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

| ((schema<near>similarity<and>database)) <and> (pyr >= 1914 <and> pyr <= 2001) | **Search** ➤

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

[**view selected items**]   Select All Deselect All   View: 1-25 |

☐ 1. **A conceptual clustering algorithm for database schema design**
Beck, H.W.; Anwar, T.; Navathe, S.B.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 6, Issue 3, June 1994 Page(s):396 - 411
Digital Object Identifier 10.1109/69.334862

AbstractPlus | Full Text: PDF(1540 KB)   IEEE JNL
Rights and Permissions

☐ 2. **Change management with roles**
Lautemann, S.-E.;
Database Systems for Advanced Applications, 1999. Proceedings., 6th International Conference on
19-21 April 1999 Page(s):291 - 300
Digital Object Identifier 10.1109/DASFAA.1999.765763

AbstractPlus | Full Text: PDF(1932 KB)   IEEE CNF
Rights and Permissions

☐ 3. **Distributed database design methodologies**
Ceri, S.; Pernici, B.; Wiederhold, G.;
Proceedings of the IEEE
Volume 75, Issue 5, May 1987 Page(s):533 - 546

AbstractPlus | Full Text: PDF(1341 KB)   IEEE JNL
Rights and Permissions

☐ 4. **A Framework for Logical-Level Changes Within Database Systems**
Sockut, G.H.;
Computer
Volume 18, Issue 5, May 1985 Page(s):9 - 27

AbstractPlus | Full Text: PDF(11864 KB)   IEEE JNL
Rights and Permissions

☐ 5. **System-guided view integration for object-oriented databases**
Gotthard, W.; Lockemann, P.C.; Neufeld, A.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 4, Issue 1, Feb. 1992 Page(s):1 - 22
Digital Object Identifier 10.1109/69.124894

AbstractPlus | Full Text: PDF(1924 KB)   IEEE JNL
Rights and Permissions

P⊘RTAL

USPTO

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **data warehouse** **schema** **evolution**   Found **3,372** of **200,192**

Sort results by	relevance ▼
Display results	expanded form ▼

📗 Save results to a Binder
❓ Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▬ ▬ ▬ ▬

1 Towards data warehouse design

Franck Ravat, Olivier Teste, Giles Zurfluh
November 1999 **Proceedings of the eighth international conference on Information and knowledge management CIKM '99**
Publisher: ACM Press

Full text available: 📄 pdf(1.02 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper focuses on data warehouse modelling. The conceptual model we defined, is based on object concepts extended with specific concepts like generic classes, temporal classes and archive classes. The temporal classes are used to store the detailed evolutions and the archive classes store the summarised data evolutions. We also provide a flexible concept allowing the administrator to define historised parts and non-historised parts into the warehouse schema. Moreover, we introduce const ...

Keywords: conceptual data warehouse model, object modelling, temporal data

2 Maintaining data warehouses over changing information sources

Elke A. Rundensteiner, Andreas Koeller, Xin Zhang
June 2000 **Communications of the ACM**, Volume 43 Issue 6
Publisher: ACM Press

Full text available: 📄 pdf(126.93 KB)   Additional Information: full citation, references, citings, index terms, review
📄 html(32.68 KB)

3 Database theory, technology and applications (DTTA): Creation and management of versions in multiversion data warehouse

Bartosz B⊔bel, Johann Eder, Christian Koncilia, Tadeusz Morzy, Robert Wrembel
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing SAC '04**
Publisher: ACM Press

Full text available: 📄 pdf(516.99 KB)   Additional Information: full citation, abstract, references, citings, index terms

A data warehouse (DW) provides an information for analytical processing, decision making, and data mining tools. On the one hand, the structure and content of a data warehouse reflects a real world, i.e. data stored in a DW come from real production

P⊛RTAL
USPTO

Search: ⊙ The ACM Digital Library   ○ The Guide

schema transform | **SEARCH** |

THE ACM DIGITAL LIBRARY

¶ Feedback Report a problem Satisfaction survey

Terms used **schema** **transform**   Found **35,823** of **200,192**

Sort results by   [relevance ▼]   ❖ Save results to a Binder   Try an Advanced Search
Display results   [expanded form ▼]   ☑ Search Tips   Try this search in The ACM Guide
                                        ☐ Open results in a new window

Results 1 - 20 of 200   · Result page: **1**   2   3   4   5   6   7   8   9   10   next
Best 200 shown   Relevance scale ☐ ◰ ◼ ◼ ◼

1   Schema translation using structural transformation   ◼
Rateb Abu-Hamdeh, James R. Cordy, Patrick Martin
October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research CASCON '94**
Publisher: IBM Press
Full text available: 🗎 pdf(196.83 KB)   Additional Information: full citation, abstract, references, index terms

This paper describes how structural transformation can be applied to the problem of translating schemas expressed in one data model into equivalent schemas expressed in another data model. We explain our approach to the problem which involves translating a schema in the source data model into a set of facts in a knowledge base and from there into a schema in the target data model. We present an example transformation in detail and outline how one can analyze the information capacity preserving p ...

2   Document structure and content analysis 2: Schema matching for transforming   ◼
◈ structured documents
Aida Boukottaya, Christine Vanoirbeek
November 2005 **Proceedings of the 2005 ACM symposium on Document engineering DocEng '05**
Publisher: ACM Press
Full text available: 🗎 pdf(441.70 KB)   Additional Information: full citation, abstract, references, index terms

Structured document content reuse is the problem of restructuring and translating data structured under a source schema into an instance of a target schema. A notion closely tied with structured document reuse is that of structure transformations. Schema matching is a critical strep in structured document transformations. Manual matching is expensive and error-prone. It is therefore important to develop techniques to automate the matching process and thus the transformation process. In this pape ...

Keywords: document structure transformations, schema matching

3   DB-1 (databases): data integration: Extending and inferring functional dependencies ◼
◈ in schema transformation
Qi He, Tok Wang Ling
November 2004 **Proceedings of the thirteenth ACM international conference on Information and knowledge management CIKM '04**
Publisher: ACM Press

PORTAL

USPTO

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **database** **transform**

Found **59,022** of **200,192**

Sort results by: [relevance ▼]

Display results: [expanded form ▼]

◆ Save results to a Binder
? Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200
Best 200 shown

Result page: **1** 2 3 4 5 6 7 8 9 10   next

Relevance scale ☐ ☐ ▬ ▬ ■

1 Transformation of data traversals and operations in application programs to account for semantic changes of databases ■

Stanley Y. W. Su, Herman Lam, Der Her Lo
June 1981 **ACM Transactions on Database Systems (TODS)**, Volume 6 Issue 2
Publisher: ACM Press

Full text available: 📄 pdf(3.00 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper addresses the problem of application program conversion to account for changes in database semantics that result in changes in the schema and database contents. With the observation that the existing data models can be viewed as alternative ways of modeling the same database semantics, a methodology of application program analysis and conversion based on an existing-DBMS-model-and schema-independent representation of both the database and programs is presented. In this methodolog ...

Keywords: access pattern, application program conversion, database changes, semantic data model, transformation rules

2 Security of statistical databases: multidimensional transformation ■

Jan Schlörer
March 1981 **ACM Transactions on Database Systems (TODS)**, Volume 6 Issue 1
Publisher: ACM Press

Full text available: 📄 pdf(1.33 MB)   Additional Information: full citation, abstract, references, citings, index terms

The concept of multidimensional transformation of statistical databases is described. A given set of statistical output may be compatible with more than one statistical database. A transformed database D' is a database which (1) differs from the original database D in its record content, but (2) produces, within certain limits, the same statistical output as the original database. For a transformable database D there are two options: One ma ...

Keywords: confidentiality, database, database security, matrices, security, statistical database

3 On the completeness of object-creating database transformation languages ■

Jan Van Den Bussche, Dirk Van Gucht, Marc Andries, Marc Gyssens